SurveyIntro

Throughout this survey, you will be asked a variety of questions relating to wildfire management. We recognize wildfire management is a complex process and decisions are often context-specific based on many interdependent factors. By necessity, the scenarios you will encounter in this survey will be simplified versions of the choices fire management professionals make.

Please respond to each question to the best of your ability by selecting the response that most closely aligns with your expected decision in each situation.

It is best if you complete the survey in one setting. That being said, if you think you may have to complete it in multiple sessions (coming back to it over the course of a day or days), PLEASE DO NOT EXIT THIS BROWSER. If the browser accidentally closes, and/or an error occurs where you can't pick up where you let off, please contact the research team at FireSurvey@osu.edu

In this next section, we will ask you questions relating to tactical decisions and the factors that inform them. We will first introduce a wildfire event.

Please read the following section carefully.

Back Next

ScenarioIntroduce

Imagine the following event:

A lightning-ignited fire is burning in **mixed conifer** and has escaped initial attack and overwhelmed initial resources. The fire is currently **150 acres** and is being managed as a **Type 3 event** and **you are the most qualified individual** (for example, ICT3 or DIVS) arriving on the incident. **It is an average fire season in the area where the fire is occuring**, and you may or may not get more resources if you request them. Pictures of the general area have been provided below. You have requested short-term fire behavior analysis and a spot weather forecast. **You are 48 hours into the event**, it is early morning, the nearest primary care center is less than an hour away, and there have been no "incidents within the incident".

Your local **planning documents** allow you to **manage fire**. The **public** has mixed feelings; while **some dislike fire** and favor suppression, **others understand the ecological role of fire** and are more tolerant of non-suppression tactics. **The nearest community is ten miles away** from where the fire started.

The fire is burning in **moderate terrain with snag potential**. While there are areas to directly engage with an anchor point, weak trees may be present. The area of indirect attack features roads about a mile away and ridges between 0.5 – 1.5 miles away from the fire perimeter.

Pictures of the general area:

ScenarioConfidence

Imagine you had to decide whether you would directly or indirectly attack this fire.

In your opinion, based on the limited information provided, which strategy is preferable?

ScenarioConfidence=1 **Direct** attack is **much more preferable** than indirect attack

ScenarioConfidence=2 **Direct** attack is **somewhat more preferable** than indirect attack

ScenarioConfidence=3 **Neither** direct nor indirect attack is preferable

ScenarioConfidence=4 **Indirect** attack is **somewhat more preferable** than direct attack

ScenarioConfidence=5 **Indirect** attack is **much more preferable** than direct attack

Back Next

LocalTeamDA

For the first 48 hours of the fire event, the local team's strategy has been to **directly attack** the fire.

Based on the information provided about the fire, to what extent do you agree with the decision to **directly attack** during the first 48 hours?

- LocalTeamDA=1 ◯ Strongly disagree
- LocalTeamDA=2 ◯ Somewhat disagree
- LocalTeamDA=3 ◯ Neither agree nor disagree
- LocalTeamDA=4 ◯ Somewhat agree
- LocalTeamDA=5 ◯ Strongly agree

DAWhy

Please briefly explain your answer.

Back Next

TransitiontoCEDA1

While the information we previously provided about the fire event will remain unchanged (i.e., the fire is 150 acres in mixed conifer, being managed as a Type 3 event, etc.), we will now provide you with additional information that will vary across multiple sets of scenarios.

We are interested in knowing under what scenario you would be most likely to change the strategy and **indirectly attack** the fire given what you know now. Each time you make a decision, we will provide the baseline conditions as a reminder as you consider whether the new conditions merit a change in strategy.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

You will complete this exercise 9 times before moving on to the rest of the survey. We estimate this section should take 10 - 15 minutes to complete.

Back Next

cbcDA_Random1

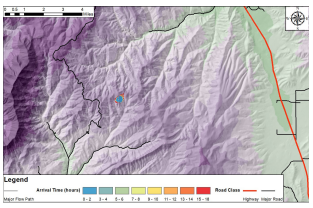
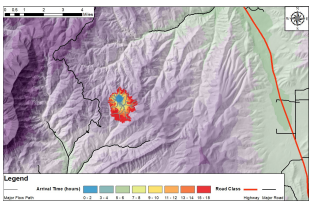
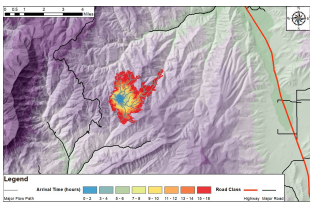
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(1 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Very windy	Slightly windy	Slightly windy
Forecasted Humidity	Humid	Dry	Moderate
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	No rain forecasted
Time in fire season	Early	Early	Late
Energy release component (ERC)	Trending downwards toward 60%	Stable around 80%	Trending upwards toward 90%
	cbcDA_Random1 Select	cbcDA_Random1 Select	cbcDA_Random1 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random1 Select

Back Next

cbcDA_Random2

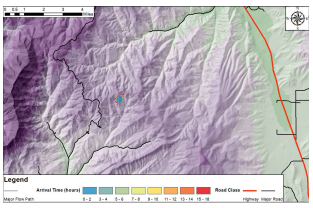
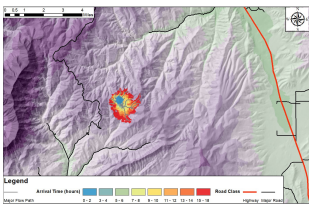
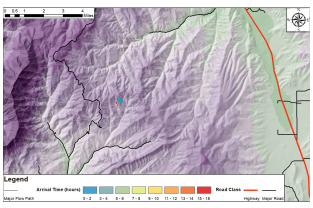
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(2 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Very windy	Windy	Slightly windy
Forecasted Humidity	Dry	Humid	Humid
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	High probability of wetting rain
Time in fire season	Late	Middle	Middle
Energy release component (ERC)	Stable around 80%	Trending upwards toward 90%	Trending downwards toward 60%
	cbcDA_Random2 Select	cbcDA_Random2 Select	cbcDA_Random2 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random2 Select

Back Next

cbcDA_Random3

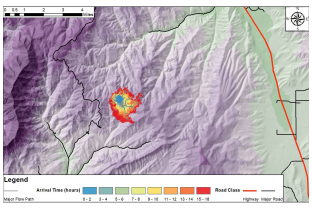
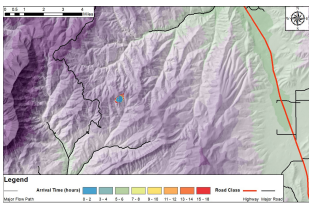
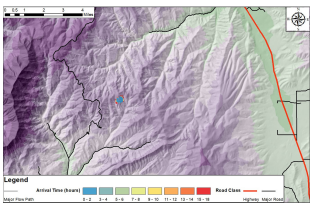
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(3 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Windy	Very windy	Windy
Forecasted Humidity	Moderate	Moderate	Dry
Forecasted Precipitation	No rain forecasted	High probability of wetting rain	High probability of wetting rain
Time in fire season	Early	Late	Middle
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending downwards toward 60%
	cbcDA_Random3 Select	cbcDA_Random3 Select	cbcDA_Random3 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random3

Select

Back Next

cbcDA_Random4

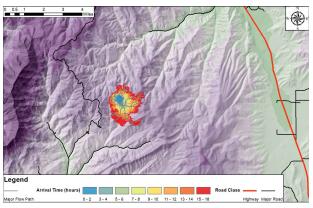
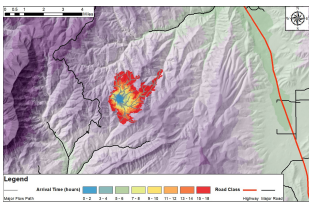
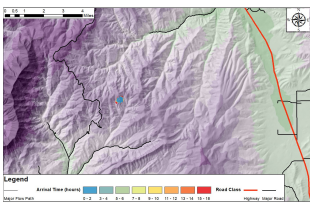
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(4 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Very windy	Slightly windy	Slightly windy
Forecasted Humidity	Dry	Moderate	Humid
Forecasted Precipitation	No rain forecasted	No rain forecasted	High probability of wetting rain
Time in fire season	Middle	Early	Late
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending downwards toward 60%
	cbcDA_Random4 Select	cbcDA_Random4 Select	cbcDA_Random4 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random4

Select

Back Next

cbcDA_Random5

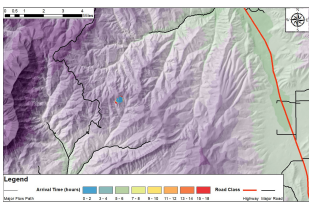
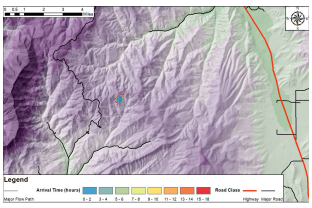
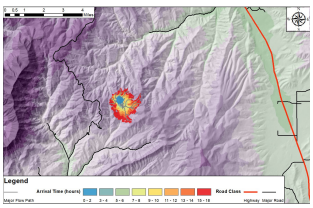
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(5 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Slightly windy	Very windy	Windy
Forecasted Humidity	Humid	Moderate	Humid
Forecasted Precipitation	High probability of wetting rain	High probability of wetting rain	No rain forecasted
Time in fire season	Early	Late	Middle
Energy release component (ERC)	Stable around 80%	Trending upwards toward 90%	Trending downwards toward 60%
	cbcDA_Random5 Select	cbcDA_Random5 Select	cbcDA_Random5 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random5

Select

Back Next

cbcDA_Random6

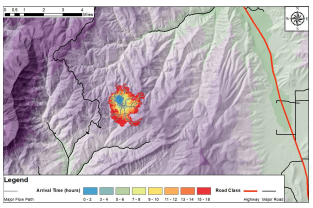
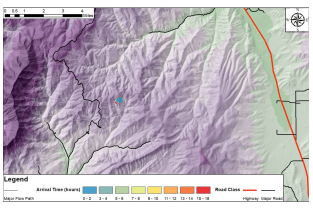
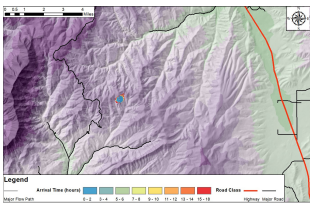
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(6 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Windy	Slightly windy	Very windy
Forecasted Humidity	Dry	Dry	Moderate
Forecasted Precipitation	No rain forecasted	High probability of wetting rain	High probability of wetting rain
Time in fire season	Late	Early	Middle
Energy release component (ERC)	Stable around 80%	Trending upwards toward 90%	Stable around 80%
	cbcDA_Random6 Select	cbcDA_Random6 Select	cbcDA_Random6 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random6 Select

Back Next

cbcDA_Random7

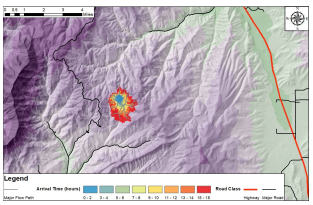
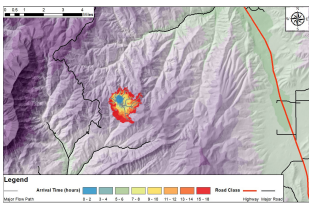
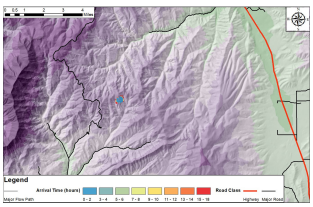
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(7 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Slightly windy	Windy	Windy
Forecasted Humidity	Dry	Moderate	Dry
Forecasted Precipitation	No rain forecasted	No rain forecasted	High probability of wetting rain
Time in fire season	Early	Middle	Late
Energy release component (ERC)	Trending downwards toward 60%	Trending downwards toward 60%	Trending upwards toward 90%
	cbcDA_Random7 Select	cbcDA_Random7 Select	cbcDA_Random7 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random7

Select

Back Next

cbcDA_Random8

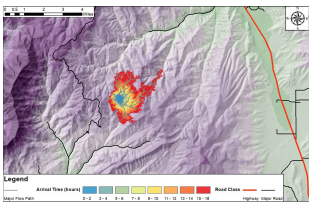
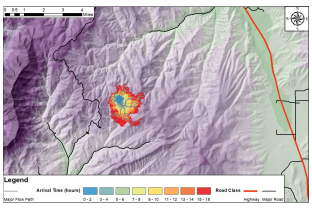
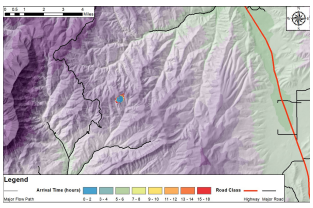
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(8 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Slightly windy	Windy	Very windy
Forecasted Humidity	Moderate	Dry	Humid
Forecasted Precipitation	No rain forecasted	No rain forecasted	High probability of wetting rain
Time in fire season	Late	Middle	Early
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending upwards toward 90%
	cbcDA_Random8 Select	cbcDA_Random8 Select	cbcDA_Random8 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random8

Select

Back Next

cbcDA_Random9

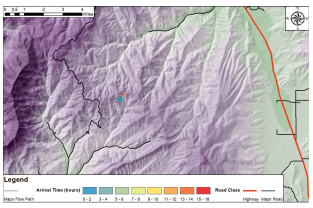
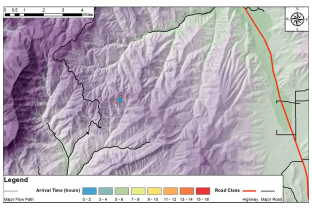
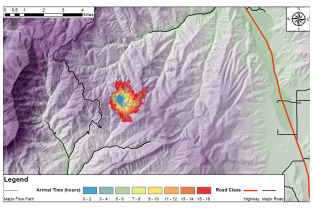
Click here to expand and collapse the original baseline information about the event

REMINDER: The strategy up to this point has been to **directly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **indirectly attack** the fire.

If you would **indirectly attack** more than one of these fires, please select the one you think is **most appropriate for indirect attack**.

(9 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Wind	Very windy	Windy	Very windy
Forecasted Humidity	Dry	Humid	Moderate
Forecasted Precipitation	High probability of wetting rain	High probability of wetting rain	No rain forecasted
Time in fire season	Middle	Middle	Late
Energy release component (ERC)	Stable around 80%	Trending downwards toward 60%	Trending downwards toward 60%
	cbcDA_Random9 Select	cbcDA_Random9 Select	cbcDA_Random9 Select

NONE: I would only **directly attack ALL OF** these fires

cbcDA_Random9 Select

Back Next

LocalTeamIA

For the first 48 hours of the fire event, the local team's strategy has been to **indirectly attack** the fire.

Based on the information provided about the fire, to what extent do you agree with the decision to **indirectly attack** during the first 48 hours?

- LocalTeamIA=1 ◯ Strongly disagree
- LocalTeamIA=2 ◯ Somewhat disagree
- LocalTeamIA=3 ◯ Neither agree nor disagree
- LocalTeamIA=4 ◯ Somewhat agree
- LocalTeamIA=5 ◯ Strongly agree

IAWhy

Please briefly explain your answer.

Back Next

TransitiontoCEIA1

While the information we previously provided about the fire event will remain unchanged (i.e., the fire is 150 acres in mixed conifer, being managed as a Type 3 event, etc.), we will now provide you with additional information that will vary across multiple sets of scenarios.

We are interested in knowing under what scenario you would be most likely to change the strategy and **directly attack** the fire given what you know now. Each time you make a decision, we will provide the baseline conditions as a reminder as you consider whether the new conditions merit a change in strategy.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack.**

You will complete this exercise 9 times before moving on to the rest of the survey. We estimate this section should take 10 - 15 minutes to complete.

Back Next

cbcIA_Random1

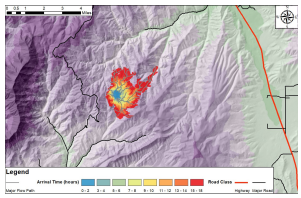
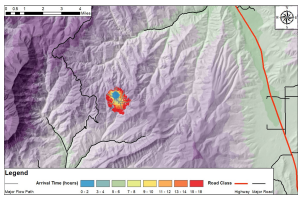
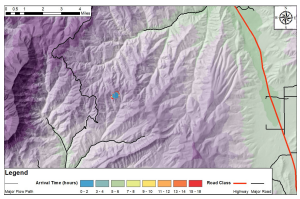
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(1 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 Click here for larger image in a new window	 Click here for larger image in a new window	 Click here for larger image in a new window
Forecasted Precipitation	No rain forecasted	No rain forecasted	High probability of wetting rain
Forecasted Humidity	Moderate	Humid	Dry
Forecasted Wind	Slightly windy	Slightly windy	Windy
Time in fire season	Early	Middle	Late
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending downwards toward 60%
	cbcIA_Random1 Select	cbcIA_Random1 Select	cbcIA_Random1 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random1 Select

Back Next

cbcIA_Random2

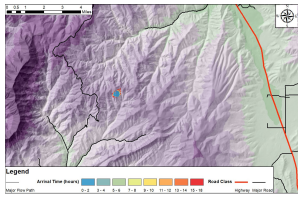
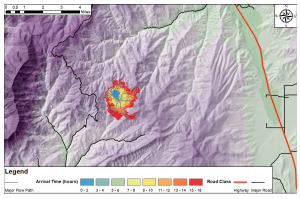
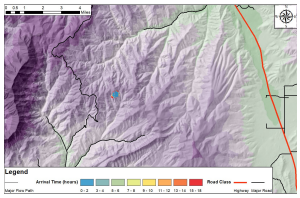
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(2 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 Click here for larger image in a new window	 Click here for larger image in a new window	 Click here for larger image in a new window
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	High probability of wetting rain
Forecasted Humidity	Humid	Dry	Moderate
Forecasted Wind	Very windy	Very windy	Slightly windy
Time in fire season	Middle	Early	Late
Energy release component (ERC)	Stable around 80%	Trending downwards toward 60%	Trending downwards toward 60%
	cbcIA_Random2 Select	cbcIA_Random2 Select	cbcIA_Random2 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random2

Select

Back Next

cbcIA_Random3

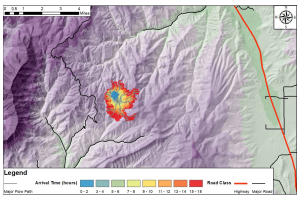
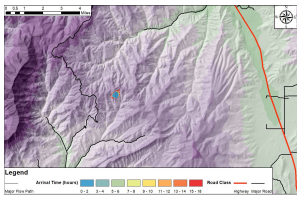
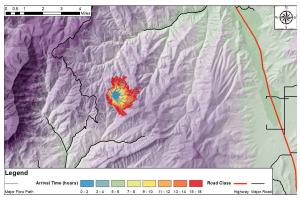
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(3 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Clich here for larger image in a new window]
Forecasted Precipitation	No rain forecasted	High probability of wetting rain	No rain forecasted
Forecasted Humidity	Dry	Moderate	Humid
Forecasted Wind	Windy	Very windy	Very windy
Time in fire season	Late	Middle	Middle
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending downwards toward 60%
	cbcIA_Random3 Select	cbcIA_Random3 Select	cbcIA_Random3 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random3

Select

Back Next

cbcIA_Random4

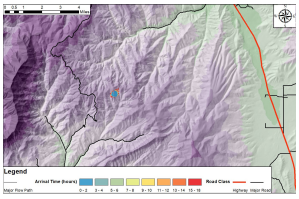
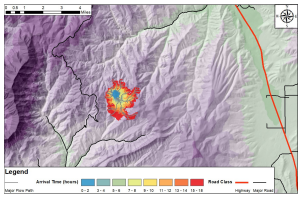
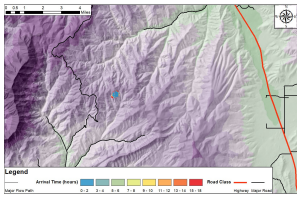
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(4 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	High probability of wetting rain
Forecasted Humidity	Humid	Dry	Dry
Forecasted Wind	Very windy	Windy	Slightly windy
Time in fire season	Early	Middle	Late
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Stable around 80%
	cbcIA_Random4 Select	cbcIA_Random4 Select	cbcIA_Random4 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random4

Select

Back Next

cbcIA_Random5

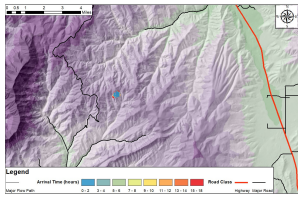
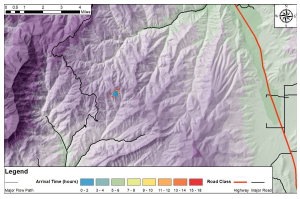
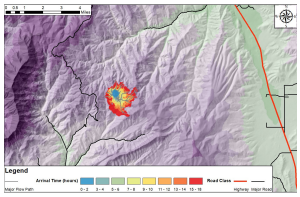
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(5 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	High probability of wetting rain	High probability of wetting rain	No rain forecasted
Forecasted Humidity	Humid	Humid	Moderate
Forecasted Wind	Slightly windy	Very windy	Windy
Time in fire season	Late	Early	Middle
Energy release component (ERC)	Trending upwards toward 90%	Trending downwards toward 60%	Trending upwards toward 90%
	cbcIA_Random5 Select	cbcIA_Random5 Select	cbcIA_Random5 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random5

Select

Back Next

cbcIA_Random6

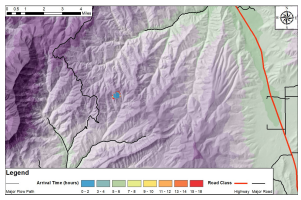
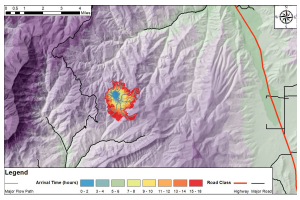
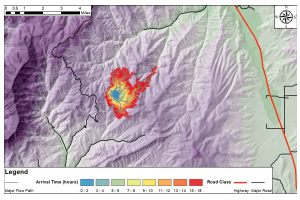
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(6 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	No rain forecasted
Forecasted Humidity	Moderate	Dry	Moderate
Forecasted Wind	Windy	Very windy	Slightly windy
Time in fire season	Early	Early	Late
Energy release component (ERC)	Stable around 80%	Trending upwards toward 90%	Trending downwards toward 60%
	cbcIA_Random6 Select	cbcIA_Random6 Select	cbcIA_Random6 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random6

Select

Back Next

cbcIA_Random7

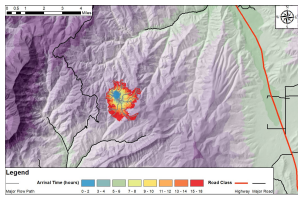
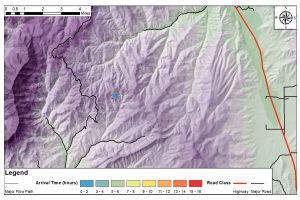
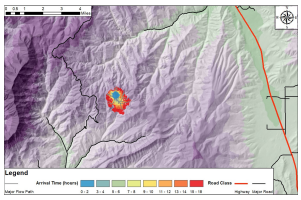
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(7 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	No rain forecasted	High probability of wetting rain	No rain forecasted
Forecasted Humidity	Dry	Moderate	Humid
Forecasted Wind	Very windy	Windy	Slightly windy
Time in fire season	Early	Late	Middle
Energy release component (ERC)	Trending downwards toward 60%	Trending upwards toward 90%	Stable around 80%
	cbcIA_Random7 Select	cbcIA_Random7 Select	cbcIA_Random7 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random7

Select

Back Next

cbcIA_Random8

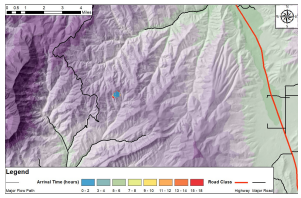
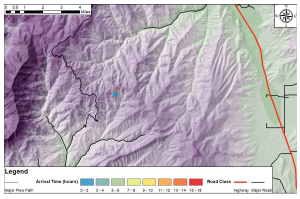
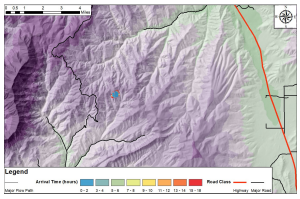
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(8 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	High probability of wetting rain	High probability of wetting rain	High probability of wetting rain
Forecasted Humidity	Humid	Dry	Humid
Forecasted Wind	Slightly windy	Very windy	Windy
Time in fire season	Middle	Late	Early
Energy release component (ERC)	Trending upwards toward 90%	Stable around 80%	Trending downwards toward 60%
	cbcIA_Random8 Select	cbcIA_Random8 Select	cbcIA_Random8 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random8

Select

Back Next

cbcIA_Random9

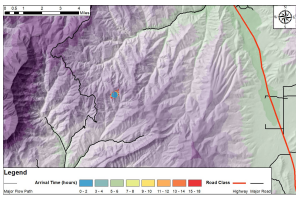
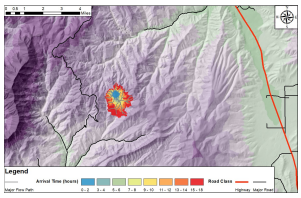
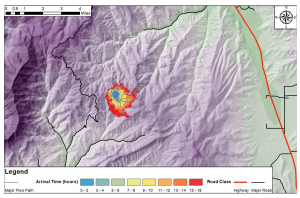
Click here to expand and collapse the original baseline information about the event

The strategy up to this point has been to **indirectly attack** this fire.

Please indicate for which of the following scenarios you would be most likely to change the strategy and **directly attack** the fire.

If you would **directly attack** more than one of these fires, please select the one you think is **most appropriate for direct attack**.

(9 of 9)
If you see a blank page, the choice sets may take a moment to load. We appreciate your patience.

	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]	 [Click here for larger image in a new window]
Forecasted Precipitation	High probability of wetting rain	No rain forecasted	No rain forecasted
Forecasted Humidity	Moderate	Dry	Moderate
Forecasted Wind	Very windy	Slightly windy	Windy
Time in fire season	Early	Middle	Late
Energy release component (ERC)	Trending upwards toward 90%	Trending downwards toward 60%	Stable around 80%
	cbcIA_Random9 Select	cbcIA_Random9 Select	cbcIA_Random9 Select

NONE: I would only **indirectly attack ALL OF** these fires

cbcIA_Random9

Select

Back Next

ImportantFactors

Thinking broadly about the options you were presented with, what were the main factors that weighed into your decisions? Please describe them briefly.

WhereFire1

Fire managers often draw on previous experience at specific locations when making decisions. When thinking about the wildfire event described to you, if you compared it to another fire or imagined the fire was in a particular location, please describe where that was. Otherwise, please answer "none".

Back Next

ForecastIntro

Thank you for completing the choice experiment. We estimate the remainder of the survey should take approximately 10-15 minutes to complete.

Please answer the following questions as it relates to your opinions about **3-day forecasts** for each weather factor.

ForecastConfidenceGen1

In your opinion, how reliable are **weather forecasts overall**? Would you say they are accurate...

ForecastConfidenceGen1=1 ◯ 0 - 24% of the time

ForecastConfidenceGen1=2 ◯ 25 - 50% of the time

ForecastConfidenceGen1=3 ◯ 51 - 75% of the time

ForecastConfidenceGen1=4 ◯ 76 - 100% of the time

ForecastConfidenceWin1

In your opinion, how reliable are **wind forecasts**? Would you say they are accurate...

ForecastConfidenceWin1=1 ◯ 0 - 24% of the time

ForecastConfidenceWin1=2 ◯ 25 - 50% of the time

ForecastConfidenceWin1=3 ◯ 51 - 75% of the time

ForecastConfidenceWin1=4 ◯ 76 - 100% of the time

ForecastConfidencePre1

In your opinion, how reliable are **precipitation forecasts**? Would you say they are accurate...

ForecastConfidencePre1=1 ◯ 0 - 24% of the time

ForecastConfidencePre1=2 ◯ 25 - 50% of the time

ForecastConfidencePre1=3 ◯ 51 - 75% of the time

ForecastConfidencePre1=4 ◯ 76 - 100% of the time

ForecastConfidenceHum1

In your opinion, how reliable are **humidity forecasts**? Would you say they are accurate...

ForecastConfidenceHum1=1 ◯ 0 - 24% of the time

ForecastConfidenceHum1=2 ◯ 25 - 50% of the time

ForecastConfidenceHum1=3 ◯ 51 - 75% of the time

ForecastConfidenceHum1=4 ◯ 76 - 100% of the time

Back Next

TacticPressure1

When thinking about the culture of the Forest Service, do you believe this culture encourages managers and firefighters to directly or indirectly attack fires?

- TacticPressure1=1 ◯ Strongly encourages **direct** attack
- TacticPressure1=2 ◯ Moderately encourages **direct** attack
- TacticPressure1=3 ◯ Somewhat encourages **direct** attack
- TacticPressure1=4 ◯ Does not encourage a specific strategy
- TacticPressure1=5 ◯ Somewhat encourages **indirect** attack
- TacticPressure1=6 ◯ Moderately encourages **indirect** attack
- TacticPressure1=7 ◯ Strongly encourages **indirect** attack

TacticRiskiness1

Consider the relative riskiness of direct attack and indirect attack for firefighter safety. Some people believe directly attacking a fire early is less risky, because while direct attack creates greater safety concerns for firefighters, the overall number exposed is lower. Others believe indirectly attacking a fire is less risky, because while indirect attack creates fewer safety concerns, the overall number exposed is greater.

In your opinion, generally speaking, which strategy is **more risky for firefighter safety**?

- TacticRiskiness1=1 ◯ **Directly attacking** is much riskier than indirectly attacking
- TacticRiskiness1=2 ◯ **Directly attacking** is somewhat riskier than indirectly attacking
- TacticRiskiness1=3 ◯ Direct attack and indirect attack are **equally risky**
- TacticRiskiness1=4 ◯ **Indirectly attacking** is somewhat riskier than directly attacking
- TacticRiskiness1=5 ◯ **Indirectly attacking** is much riskier than directly attacking

Back Next

SortMostImportant

Wildfire management decisions are obviously very complex and prone to influence from many different factors both within your control and outside your control. Assuming a wildfire has occurred, what are the **first 3 things you think about** when trying to decide whether to directly or indirectly attack the fire?

Please choose the **first 3 important pieces of information** that you consider when deciding to directly or indirectly attack a fire.

- [ ] SortMostImportant_4 Availability of tactical resources
- [ ] SortMostImportant_3 Local public and political climate
- [ ] SortMostImportant_10 Dynamics between incident command and the local unit
- [ ] SortMostImportant_5 Time in season (seasonality)
- [ ] SortMostImportant_9 Threats to firefighter safety
- [ ] SortMostImportant_6 Presence of WUI (e.g., people, homes, and structures)
- [ ] SortMostImportant_2 Requirements of federal environmental policy (e.g., ESA, NEPA, etc.)
- [ ] SortMostImportant_8 Short-term (3-day) weather forecasts
- [ ] SortMostImportant_7 Current weather conditions
- [ ] SortMostImportant_11 Ability to coordinate across managing agencies (e.g., federal, state)
- [ ] SortMostImportant_1 Federal wildland fire management guidance (e.g., Cohesive Strategy, 2009 Implementation Guidance, etc.)
- [ ] SortMostImportant_12 SortMostImportant_12_other Other

MostImportantWhy

Please briefly explain why you selected these 3 factors.

Back Next

IntroModelUse

We are now going to ask you a series of questions about how you use wildfire decision support tools.

Wildfire decision support tools such as Fire Area Simulator (FARSITE), Wildland Fire Decision Support System (WFDSS), Fire Spread Probability (FSPRO), National Fire Danger Rating System (NFDRS) and others may be used in multiple ways on a fire event. For example, these tools may be used to project future conditions, assess recent fire growth, and/or document previous decisions.

Consider your experiences on wildfire events where **information from wildfire decision support tools was available to you.**

ModelUse1

In past experiences how often have you used information from wildfire decision support tools **to project future conditions so that you could update strategies and tactics?**

- ModelUse1=1 ◯ 1 Never
- ModelUse1=2 ◯ 2 Rarely
- ModelUse1=3 ◯ 3 Sometimes
- ModelUse1=4 ◯ 4 About half the time
- ModelUse1=5 ◯ 5 Often
- ModelUse1=6 ◯ 6 Almost always
- ModelUse1=7 ◯ 7 Always

ModelUse2

In past experiences how often have you used information from wildfire decision support tools **to assess recent fire growth and tactic effectiveness to date?**

- ModelUse2=1 ◯ 1 Never
- ModelUse2=2 ◯ 2 Rarely
- ModelUse2=3 ◯ 3 Sometimes
- ModelUse2=4 ◯ 4 About half the time
- ModelUse2=5 ◯ 5 Often

ModelUse2=6 6 Almost always

ModelUse2=7 7 Always

ModelUse3

In past experiences how often have you used information from wildfire decision support tools **to document decisions that had already been made?**

ModelUse3=1 1 Never

ModelUse3=2 2 Rarely

ModelUse3=3 3 Sometimes

ModelUse3=4 4 About half the time

ModelUse3=5 5 Often

ModelUse3=6 6 Almost always

ModelUse3=7 7 Always

ModelUse4

In past experiences how often have you used information from wildfire decision support tools **to compare your intuition and model predictions as events progress?**

ModelUse4=1 1 Never

ModelUse4=2 2 Rarely

ModelUse4=3 3 Sometimes

ModelUse4=4 4 About half the time

ModelUse4=5 5 Often

ModelUse4=6 6 Almost always

ModelUse4=7 7 Always

Back Next

BelowTrustIntro

For this next section, consider your role on incident management teams (e.g., ICT3, DIVS, etc.). The first set of questions have to do with what you think about **those with LESS authority than you within the fire chain of command** when it comes to wildfire management.

Please indicate the extent to which you agree or disagree with the following statements.

Back Next

BelowTrustIntro1

Consider your role on incident management teams (e.g., ICT3, DIVS, etc.). The following questions have to do with what you think about **those with LESS authority than you within the fire chain of command** when it comes to wildfire management.

Please indicate the extent to which you agree or disagree with the following statements.

BelowAbil1

Those with less authority than me are **very capable of performing their jobs**.

- BelowAbil1=1 ◯ 1. Strongly disagree
- BelowAbil1=2 ◯ 2. Disagree
- BelowAbil1=3 ◯ 3. Somewhat disagree
- BelowAbil1=4 ◯ 4. Neither agree nor disagree
- BelowAbil1=5 ◯ 5. Somewhat agree
- BelowAbil1=6 ◯ 6. Agree
- BelowAbil1=7 ◯ 7. Strongly agree

BelowBenev1

Those with less authority **care about me**.

- BelowBenev1=1 ◯ 1. Strongly disagree
- BelowBenev1=2 ◯ 2. Disagree
- BelowBenev1=3 ◯ 3. Somewhat disagree
- BelowBenev1=4 ◯ 4. Neither agree nor disagree
- BelowBenev1=5 ◯ 5. Somewhat agree
- BelowBenev1=6 ◯ 6. Agree
- BelowBenev1=7 ◯ 7. Strongly agree

BelowInteg1

I **never have to wonder** whether those with less authority than me **will stick to their word**.

BelowInteg1=1 1. Strongly disagree

BelowInteg1=2 2. Disagree

BelowInteg1=3 3. Somewhat disagree

BelowInteg1=4 4. Neither agree nor disagree

BelowInteg1=5 5. Somewhat agree

BelowInteg1=6 6. Agree

BelowInteg1=7 7. Strongly agree

BelowTrust2

I am willing to rely on the work-related judgments of those with less authority than me.

BelowTrust2=1 1. Strongly disagree

BelowTrust2=2 2. Disagree

BelowTrust2=3 3. Somewhat disagree

BelowTrust2=4 4. Neither agree nor disagree

BelowTrust2=5 5. Somewhat agree

BelowTrust2=6 6. Agree

BelowTrust2=7 7. Strongly agree

BelowTrust4

I am **willing to discuss problems or difficulties that could potentially be used to disadvantage me** with those who have less authority.

BelowTrust4=1 1. Strongly disagree

BelowTrust4=2 2. Disagree

BelowTrust4=3 3. Somewhat disagree

BelowTrust4=4 4. Neither agree nor disagree

BelowTrust4=5 5. Somewhat agree

BelowTrust4=6 6. Agree

BelowTrust4=7 7. Strongly agree

BelowInteg3

Sound principles seem to guide the behavior of those with less authority than me.

BelowInteg3=1 1. Strongly disagree

BelowInteg3=2 2. Disagree

BelowInteg3=3 3. Somewhat disagree

BelowInteg3=4 4. Neither agree nor disagree

BelowInteg3=5 5. Somewhat agree

BelowInteg3=6 6. Agree

BelowInteg3=7 7. Strongly agree

Back Next

BelowTrustIntroContd

Continuing to think about **those with <u>LESS</u> authority than you,** please indicate the extent to which you agree or disagree with the following statements.

BelowBenev3

Those with less authority will **go above and beyond to help me do my job**.

BelowBenev3=1 ◯ 1. Strongly disagree

BelowBenev3=2 ◯ 2. Disagree

BelowBenev3=3 ◯ 3. Somewhat disagree

BelowBenev3=4 ◯ 4. Neither agree nor disagree

BelowBenev3=5 ◯ 5. Somewhat agree

BelowBenev3=6 ◯ 6. Agree

BelowBenev3=7 ◯ 7. Strongly agree

BelowAbil3

Those with less authority than me are **well qualified for their positions**.

BelowAbil3=1 ◯ 1. Strongly disagree

BelowAbil3=2 ◯ 2. Disagree

BelowAbil3=3 ◯ 3. Somewhat disagree

BelowAbil3=4 ◯ 4. Neither agree nor disagree

BelowAbil3=5 ◯ 5. Somewhat agree

BelowAbil3=6 ◯ 6. Agree

BelowAbil3=7 ◯ 7. Strongly agree

BelowBenev2

My goals for the fire event are very important to those with less authority than me.

BelowBenev2=1 1. Strongly disagree

BelowBenev2=2 2. Disagree

BelowBenev2=3 3. Somewhat disagree

BelowBenev2=4 4. Neither agree nor disagree

BelowBenev2=5 5. Somewhat agree

BelowBenev2=6 6. Agree

BelowBenev2=7 7. Strongly agree

BelowAbil2

Those with less authority than me have a lot of **knowledge about how to respond to fire** under a variety of conditions and circumstances.

BelowAbil2=1 1. Strongly disagree

BelowAbil2=2 2. Disagree

BelowAbil2=3 3. Somewhat disagree

BelowAbil2=4 4. Neither agree nor disagree

BelowAbil2=5 5. Somewhat agree

BelowAbil2=6 6. Agree

BelowAbil2=7 7. Strongly agree

BelowInteg2

I **hold similar values** to those with less authority than me.

BelowInteg2=1 1. Strongly disagree

BelowInteg2=2 2. Disagree

BelowInteg2=3 3. Somewhat disagree

BelowInteg2=4 4. Neither agree nor disagree

BelowInteg2=5 5. Somewhat agree

BelowInteg2=6 6. Agree

BelowInteg2=7 7. Strongly agree

BelowTrust1

I can rely on those with less authority **to back me up in difficult situations**.

BelowTrust1=1 1. Strongly disagree

BelowTrust1=2 2. Disagree

BelowTrust1=3 3. Somewhat disagree

BelowTrust1=4 4. Neither agree nor disagree

BelowTrust1=5 5. Somewhat agree

BelowTrust1=6 6. Agree

BelowTrust1=7 7. Strongly agree

BelowTrust3

I can discuss how I honestly feel about work, **even negative feelings and frustration,** with those who have less authority than me.

BelowTrust3=1 1. Strongly disagree

BelowTrust3=2 2. Disagree

BelowTrust3=3 3. Somewhat disagree

BelowTrust3=4 4. Neither agree nor disagree

BelowTrust3=5 5. Somewhat agree

BelowTrust3=6 6. Agree

BelowTrust3=7 7. Strongly agree

Back Next

AboveTrustIntro

Continuing to think about your role on incident management teams (e.g., ICT3, DIVS, etc.), now think about **those with <u>MORE</u> authority than you within the fire chain of command** when it comes to wildfire management.

Please indicate the extent to which you agree or disagree with the following statements.

Back Next

AboveTrustIntro1

Continuing to think about your role on incident management teams (e.g., ICT3, DIVS, etc.), now think about **those with <u>MORE</u> authority than you within the fire chain of command** when it comes to wildfire management.

Please indicate the extent to which you agree or disagree with the following statements.

AboveAbil1

Those with more authority than me are **very capable of performing their jobs**.

AboveAbil1=1 ◯ 1. Strongly disagree

AboveAbil1=2 ◯ 2. Disagree

AboveAbil1=3 ◯ 3. Somewhat disagree

AboveAbil1=4 ◯ 4. Neither agree nor disagree

AboveAbil1=5 ◯ 5. Somewhat agree

AboveAbil1=6 ◯ 6. Agree

AboveAbil1=7 ◯ 7. Strongly agree

AboveAbil3

Those with more authority than me are **well qualified for their positions**.

AboveAbil3=1 ◯ 1. Strongly disagree

AboveAbil3=2 ◯ 2. Disagree

AboveAbil3=3 ◯ 3. Somewhat disagree

AboveAbil3=4 ◯ 4. Neither agree nor disagree

AboveAbil3=5 ◯ 5. Somewhat agree

AboveAbil3=6 ◯ 6. Agree

AboveAbil3=7 ◯ 7. Strongly agree

AboveInteg3

Sound principles seem to guide the behavior of those with more authority than me.

AboveInteg3=1 ◯ 1. Strongly disagree

AboveInteg3=2 ◯ 2. Disagree

AboveInteg3=3 ◯ 3. Somewhat disagree

AboveInteg3=4 ◯ 4. Neither agree nor disagree

AboveInteg3=5 ◯ 5. Somewhat agree

AboveInteg3=6 ◯ 6. Agree

AboveInteg3=7 ◯ 7. Strongly agree

AboveTrust4

I am **willing to discuss problems or difficulties that could potentially be used to disadvantage me** with those who have more authority.

AboveTrust4=1 ◯ 1. Strongly disagree

AboveTrust4=2 ◯ 2. Disagree

AboveTrust4=3 ◯ 3. Somewhat disagree

AboveTrust4=4 ◯ 4. Neither agree nor disagree

AboveTrust4=5 ◯ 5. Somewhat agree

AboveTrust4=6 ◯ 6. Agree

AboveTrust4=7 ◯ 7. Strongly agree

AboveBenev2

My goals for the fire event are very important to those with more authority than me.

AboveBenev2=1 ◯ 1. Strongly disagree

AboveBenev2=2 ◯ 2. Disagree

AboveBenev2=3 ◯ 3. Somewhat disagree

AboveBenev2=4 4. Neither agree nor disagree

AboveBenev2=5 5. Somewhat agree

AboveBenev2=6 6. Agree

AboveBenev2=7 7. Strongly agree

AboveInteg2

I **hold similar values** to those with more authority than me.

AboveInteg2=1 1. Strongly disagree

AboveInteg2=2 2. Disagree

AboveInteg2=3 3. Somewhat disagree

AboveInteg2=4 4. Neither agree nor disagree

AboveInteg2=5 5. Somewhat agree

AboveInteg2=6 6. Agree

AboveInteg2=7 7. Strongly agree

Back Next

AboveTrustIntroContd

Continuing to think about **those with <u>MORE</u> authority than you,** please indicate the extent to which you agree or disagree with the following statements.

AboveBenev1

Those with more authority **care about me**.

AboveBenev1=1 1. Strongly disagree

AboveBenev1=2 2. Disagree

AboveBenev1=3 3. Somewhat disagree

AboveBenev1=4 4. Neither agree nor disagree

AboveBenev1=5 5. Somewhat agree

AboveBenev1=6 6. Agree

AboveBenev1=7 7. Strongly agree

AboveInteg1

I **never have to wonder** whether those with more authority than me **will stick to their word**.

AboveInteg1=1 1. Strongly disagree

AboveInteg1=2 2. Disagree

AboveInteg1=3 3. Somewhat disagree

AboveInteg1=4 4. Neither agree nor disagree

AboveInteg1=5 5. Somewhat agree

AboveInteg1=6 6. Agree

AboveInteg1=7 7. Strongly agree

AboveAbil2

Those with more authority than me have a lot of **knowledge about how to respond to fire**

under a variety of conditions and circumstances.

AboveAbil2=1
1. Strongly disagree

AboveAbil2=2
2. Disagree

AboveAbil2=3
3. Somewhat disagree

AboveAbil2=4
4. Neither agree nor disagree

AboveAbil2=5
5. Somewhat agree

AboveAbil2=6
6. Agree

AboveAbil2=7
7. Strongly agree

AboveTrust1

I can rely on those with more authority **to back me up in difficult situations**.

AboveTrust1=1
1. Strongly disagree

AboveTrust1=2
2. Disagree

AboveTrust1=3
3. Somewhat disagree

AboveTrust1=4
4. Neither agree nor disagree

AboveTrust1=5
5. Somewhat agree

AboveTrust1=6
6. Agree

AboveTrust1=7
7. Strongly agree

AboveBenev3

Those with more authority will **go above and beyond to help me do my job**.

AboveBenev3=1
1. Strongly disagree

AboveBenev3=2
2. Disagree

AboveBenev3=3
3. Somewhat disagree

AboveBenev3=4
4. Neither agree nor disagree

AboveBenev3=5 5. Somewhat agree

AboveBenev3=6 6. Agree

AboveBenev3=7 7. Strongly agree

AboveTrust2

I am willing to rely on the work-related judgments of those with more authority than me.

AboveTrust2=1 1. Strongly disagree

AboveTrust2=2 2. Disagree

AboveTrust2=3 3. Somewhat disagree

AboveTrust2=4 4. Neither agree nor disagree

AboveTrust2=5 5. Somewhat agree

AboveTrust2=6 6. Agree

AboveTrust2=7 7. Strongly agree

AboveTrust3

I can discuss how I honestly feel about work, **even negative feelings and frustration,** with those who have more authority than me.

AboveTrust3=1 1. Strongly disagree

AboveTrust3=2 2. Disagree

AboveTrust3=3 3. Somewhat disagree

AboveTrust3=4 4. Neither agree nor disagree

AboveTrust3=5 5. Somewhat agree

AboveTrust3=6 6. Agree

AboveTrust3=7 7. Strongly agree

Back Next

RiskTakingIntro

The following questions have to do with your approach to fire management. We are going to ask you about **innovative fire management strategies**. In this case, **innovative strategies are those that may have a greater chance of failure than tried-and-true strategies, but if they succeed, the rewards and benefits could be even greater.**

Please indicate the extent to which you agree or disagree with the following statements.

Back Next

RiskTakingIntro1

The following questions have to do with your approach to fire management. We are going to ask you about **innovative fire management strategies**. In this case, **innovative strategies are those that may have a greater chance of failure than tried-and-true strategies, but if they succeed, the rewards and benefits could be even greater.**

Please indicate the extent to which you agree or disagree with the following statements.

RiskSeeking1

When it comes to fire management, I prefer strategies perceived by many as risky.

- RiskSeeking1=1 ◯ 1. Strongly disagree
- RiskSeeking1=2 ◯ 2. Disagree
- RiskSeeking1=3 ◯ 3. Somewhat disagree
- RiskSeeking1=4 ◯ 4. Neither agree nor disagree
- RiskSeeking1=5 ◯ 5. Somewhat agree
- RiskSeeking1=6 ◯ 6. Agree
- RiskSeeking1=7 ◯ 7. Strongly agree

RiskAverse1

When it comes to fire management, I avoid strategies perceived by many as risky.

- RiskAverse1=1 ◯ 1. Strongly disagree
- RiskAverse1=2 ◯ 2. Disagree
- RiskAverse1=3 ◯ 3. Somewhat disagree
- RiskAverse1=4 ◯ 4. Neither agree nor disagree
- RiskAverse1=5 ◯ 5. Somewhat agree
- RiskAverse1=6 ◯ 6. Agree
- RiskAverse1=7 ◯ 7. Strongly agree

RiskAverse2

I feel most comfortable relying on tried-and-true fire management strategies.

- RiskAverse2=1 ◯ 1. Strongly disagree
- RiskAverse2=2 ◯ 2. Disagree
- RiskAverse2=3 ◯ 3. Somewhat disagree
- RiskAverse2=4 ◯ 4. Neither agree nor disagree
- RiskAverse2=5 ◯ 5. Somewhat agree
- RiskAverse2=6 ◯ 6. Agree
- RiskAverse2=7 ◯ 7. Strongly agree

RiskSeeking2

I am willing to try innovative fire management strategies.

- RiskSeeking2=1 ◯ 1. Strongly disagree
- RiskSeeking2=2 ◯ 2. Disagree
- RiskSeeking2=3 ◯ 3. Somewhat disagree
- RiskSeeking2=4 ◯ 4. Neither agree nor disagree
- RiskSeeking2=5 ◯ 5. Somewhat agree
- RiskSeeking2=6 ◯ 6. Agree
- RiskSeeking2=7 ◯ 7. Strongly agree

RiskAverse3

I prefer tried-and-true strategies over innovative fire management strategies.

- RiskAverse3=1 ◯ 1. Strongly disagree
- RiskAverse3=2 ◯ 2. Disagree
- RiskAverse3=3 ◯ 3. Somewhat disagree
- RiskAverse3=4 ◯ 4. Neither agree nor disagree

RiskAverse3=5 5. Somewhat agree

RiskAverse3=6 6. Agree

RiskAverse3=7 7. Strongly agree

RiskAverse4

When in doubt, tried-and-true fire management strategies are the best option.

RiskAverse4=1 1. Strongly disagree

RiskAverse4=2 2. Disagree

RiskAverse4=3 3. Somewhat disagree

RiskAverse4=4 4. Neither agree nor disagree

RiskAverse4=5 5. Somewhat agree

RiskAverse4=6 6. Agree

RiskAverse4=7 7. Strongly agree

RiskSeeking3

I try to explore innovative strategies for fire management.

RiskSeeking3=1 1. Strongly disagree

RiskSeeking3=2 2. Disagree

RiskSeeking3=3 3. Somewhat disagree

RiskSeeking3=4 4. Neither agree nor disagree

RiskSeeking3=5 5. Somewhat agree

RiskSeeking3=6 6. Agree

RiskSeeking3=7 7. Strongly agree

RiskSeeking4

I am willing to try fire management strategies that I know are risky but have the potential to pay off.

RiskSeeking4=1
1. Strongly disagree

RiskSeeking4=2
2. Disagree

RiskSeeking4=3
3. Somewhat disagree

RiskSeeking4=4
4. Neither agree nor disagree

RiskSeeking4=5
5. Somewhat agree

RiskSeeking4=6
6. Agree

RiskSeeking4=7
7. Strongly agree

TriedandTrueOpen

Please briefly provide examples of what you consider tried-and-true fire management strategies in your position.

InnovativeOpen

Please briefly provide examples of what you consider innovative fire management strategies in your position.

Back Next

DemoIntro1

Thank you for your responses.

In this final section you will be asked to respond to several questions that will help us learn more about you and your job responsibilities. Please indicate your response by checking the appropriate box or filling in the appropriate response below each question.

FireJobTitle

What is the title of the position that you currently hold related to wildfire management? If you hold multiple titles, please select the title you serve as most often.

- FireJobTitle=1 ◯ Division supervisor (DIVS)
- FireJobTitle=2 ◯ Type 3 Incident Commander (ICT3)
- FireJobTitle=3 ◯ Type 2 Incident Commander (ICT2)
- FireJobTitle=4 ◯ Type 1 Incident Commander (ICT1)
- FireJobTitle=5 ◯ Operations Section Chief
- FireJobTitle=6 ◯ Technical specialist (FBAN, LTAN, GSAN, etc.)
- FireJobTitle=7 ◯ FireJobTitle_7_other Other [ ]

YearsPosition

How many years have you been in the position you selected?
If you have been in this position less than a year, please answer "1".

[ ]

YearsFire

How many years in total have you been involved in wildfire management in any capacity?
If you have been in this position less than a year, please answer "1".

[ ]

AllFireJobs

Which of the following positions have you held where you were actively involved in wildfire management? Please select all that apply.

- AllFireJobs_1 ☐ Firefighter (e.g., hotshot member, pilot, smokejumper, etc.)
- AllFireJobs_2 ☐ Technical specialist (e.g., FBAN, LTAN, GSAN, etc.)

AllFireJobs_3 Division Supervisor

AllFireJobs_4 Operations Section Chief

AllFireJobs_5 Planning Section Chief

AllFireJobs_6 Incident Commander Type 3

AllFireJobs_7 Incident Commander Type 2

AllFireJobs_8 Incident Commander Type 1

AllFireJobs_9 Line officer

AllFireJobs_10 Duty officer

AllFireJobs_11 District Ranger or Deputy District Ranger

AllFireJobs_12 Forest Supervisor

AllFireJobs_13 AllFireJobs_13_other Other

EduAttain1

What is your highest level of education completed?

EduAttain1=1 Some high school

EduAttain1=2 High school

EduAttain1=3 Associate's degree

EduAttain1=4 Bachelor's degree

EduAttain1=5 Graduate degree (e.g., PhD, MS)

EduAttain1=6 EduAttain1_6_other Other

CollegeField1

If you hold a college degree or higher, what was the disciplinary focus of your highest degree?

CollegeField1=1 Biological sciences

CollegeField1=2 Geology or soil science

CollegeField1=3 Hydrology

CollegeField1=4 Forestry/silviculture

CollegeField1=5 Fire ecology/behavior

CollegeField1=6 Natural resource administration/management

CollegeField1=7 Geospatial Information Science (GIS)

CollegeField1=8 CollegeField1_8_other Other

CollegeField1=9 Not applicable

Gender1

What is your gender?

Gender1=1 Female

Gender1=2 Male

Gender1=3 Other/prefer not to say

FollowUp

If you would be willing to answer follow-up questions and discuss your thoughts more with the research team please check this box.

FollowUp_1 The research team may contact me via email for additional follow-up questions

Back Next

Terminate1

Your responses have been recorded. If you have any questions please contact FireSurvey@osu.edu.
Thank you for taking our survey.